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CHARACTERISTICS OF THE CLASS OF 1987(U) MILITARY
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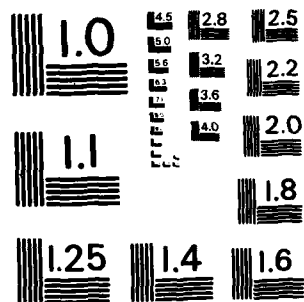
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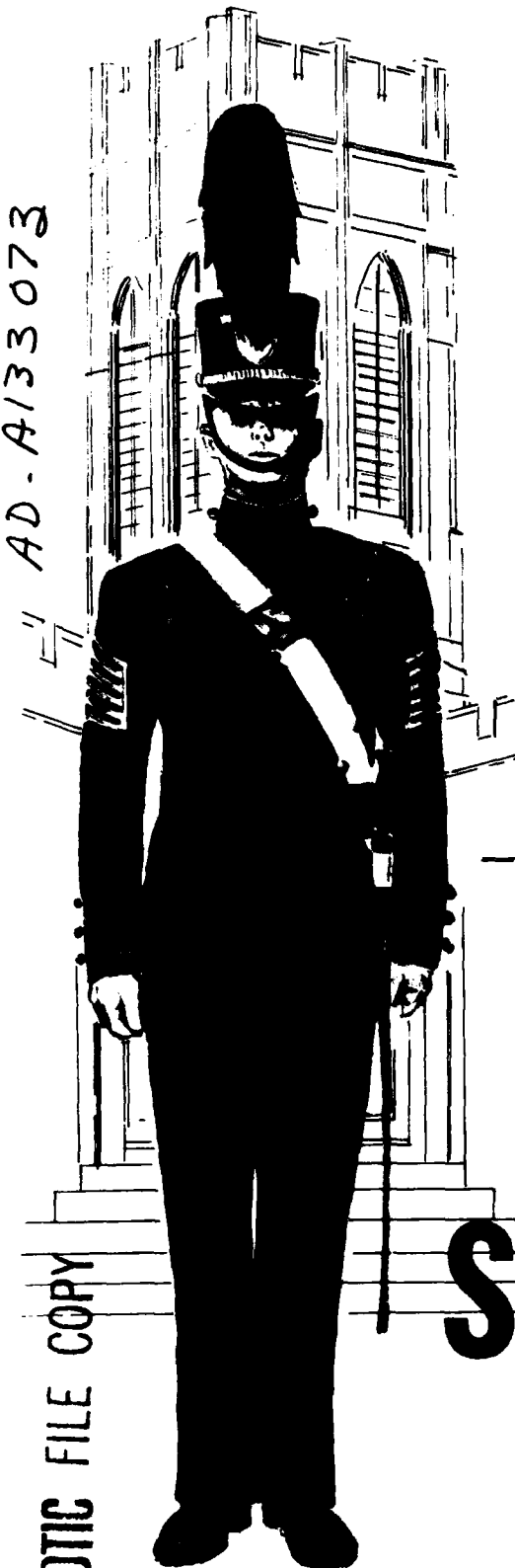
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CHARACTERISTICS OF THE CLASS OF 1987

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Characteristics of the Class of 1987

Report No. : USMA-OIR-83-004
Project No. : 472
Prepared by : Ms. Mary H. Saunders
Programmers : Data Support Branch
Typist : Mrs. Carol A. Durham
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Abstract

This report presents the biographical characteristics and achievements of the 1,435 new cadets who entered the United States Military Academy in the Class of 1987.

NOTE: Any conclusions in this report are not to be construed as official U.S. Military Academy or Department of the Army positions unless so designated by other authorized documents.

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UNITED STATES MILITARY ACADEMY
WEST POINT, NEW YORK 10996

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Preface

This report presents the biographical characteristics and achievements of the 1,435 new cadets who entered the Class of 1987. The admission scores listed in Table 1 are for the 986 cadets whose admission was based on the CEER, while Tables 2 and 3 are for the 449 cadets whose admission was based on American College Test scores. The following abbreviations, explanations and definitions of terms apply in this report.

CEER	A statistically derived weighted composite score of two College Entrance Examination Board Tests (Scholastic Aptitude Test-Verbal, Scholastic Aptitude Test-Mathematics, and a standardized high school rank score.
High School Rank	This is a score derived by converting the actual high school rank to a standard score, using a formula developed by the Educational Testing Service.
Whole Candidate Score	This is a weighted composite score of the CEER or ACEER, the Physical Aptitude Examination score and the Leadership Potential Score.
Physical Aptitude Examination Score	This is a standardized score developed to measure physical capabilities.
Leadership Potential Score	This is a score derived from the ratings of the candidate by his/her secondary school teachers and evaluations by admissions officials of his/her type of participation in athletic and other school and community activities.
ACT	American College Testing Program.
ACEER	A statistically derived weighted composite score of ACT tests and high school rank converted to the 200-800 range of the CEER.

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Table 1
Distribution of Scores on Academic Qualification Measures
(For those admitted by use of CEER)

Score Ranges	Scholastic Aptitude Verbal		Scholastic Aptitude Mathematics		CEER	
	N	Cum %	N	Cum %	N	Cum %
750-800	6	100%	40	100%	4	100%
700-749	21	99	153	96	52	99
650-699	87	97	246	80	155	94
600-649	181	88	262	55	324	79
550-599	241	70	204	29	263	46
500-549	276	46	74	8	163	19
450-499	142	18	5	1	23	2
400-449	27	3	1	0	1	0
350-399	4	0	0	0	0	0
Total	986		986		986	
Mean	559		636		605	
S.D.	69		64		58	

Table 2
Distribution of Scores on Academic Qualification Measures
(For those admitted by use of ACEER)

Score Ranges	ACT-ENG		ACT-MATH		ACT-N.S.		ACT-S.S.	
	N	Cum %	N	Cum %	N	Cum %	N	Cum %
34-36	0	100%	46	100%	26	100%	4	100%
31-33	6	100	99	90	176	94	63	99
28-30	32	99	156	68	125	55	116	85
25-27	101	92	119	33	70	27	103	59
22-24	205	69	28	6	39	12	95	36
19-21	89	23	1	0	10	3	40	15
16-18	14	4	0	0	2	1	10	6
13-15	2	0	0	0	1	0	12	4
10-12	0	0	0	0	0	0	1	1
Total	449		449		449		449	
Mean	23.5		29.1		29.2		25.8	
S.D.	2.9		3.2		3.5		5.1	

Table 3
Distribution of ACEER Scores
(For those admitted by use of ACT scores)

Score Ranges	ACEER	
	N	Cum %
750-800	0	100%
700-749	24	100
650-699	60	95
600-649	140	81
550-599	137	50
500-549	79	20
450-499	7	2
400-449	2	0
Total	449	
Mean	600	
S.D.	58	

Table 4

Distribution of Scores on PAE, LPS and HSR
(For all admitted cadets)

Score Ranges	Physical Aptitude* (PAE)				Leadership Potential (LPS)		High School Rank (HSR)	
	Male		Female		N	Cum %	N	Cum %
	N	%	N	%				
750-800	19	100%	2	100%	3	100%	102	100%
700-749	55	98	7	99	82	100	103	93
650-699	121	94	6	95	323	94	225	86
600-649	202	84	17	92	394	72	251	70
550-599	303	68	34	82	367	44	255	52
500-549	283	44	31	63	197	18	247	35
450-499	206	22	32	45	55	5	115	18
400-449	64	5	45	27	12	1	92	10
350-399	0	0	3	2	1	0	33	3
300-349	1	0	0	0	1	0	9	1
250-299	1	0	0	0	0	0	2	0
200-249	0	0	0	0	0	0	1	0
Total	1258		177		1435		1435	
Mean	567		523		608		583	
S.D.	79		88		63		104	

*Distribution of PAE scores are shown separately for male and female cadets as they are scored on different events.

Table 5
Distribution of Whole Candidate Scores
(For all admitted cadets)

<u>Score Ranges</u>	<u>N</u>	<u>Cum %</u>
7000-7249	4	100%
6750-6999	24	100
6500-6749	97	98
6250-6499	242	91
6000-6249	411	74
5750-5999	324	46
5500-5749	207	23
5250-5499	92	9
5000-5249	32	2
4750-4999	1	0
4500-4749	1	0
 Total	 1435	
Mean	6013	
S.D.	367	

Table 6
Means and Standard Deviations of Scores
of Male and Female Cadets

	WCS		HSR		LPS		PAE*	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	1258	177	1258	177	1258	177	1258	177
Mean	6019	5968	578	616	608	604	567	523
S.D.	364	390	104	94	62	69	79	88

	ACEER		CEER		SAT-V		SAT-M	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	381	68	877	109	877	109	877	109
Mean	600	598	605	606	557	572	639	607
S.D.	55	63	58	52	70	58	63	60

	ACT-EN		ACT-MA		ACT-NS		ACT-SS	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	381	68	381	68	381	68	381	68
Mean	23.4	24.0	29.2	28.1	29.5	27.9	25.9	25.3
S.D.	2.8	3.3	3.2	3.4	3.3	4.1	5.2	4.7

*PAE scale for females is not the same as the scale for males.

Table 7-1
Distribution of Height and Weight
(Female Cadets)

Height			Weight		
<u>Inches</u>	<u>No.</u>	<u>%</u>	<u>Pounds</u>	<u>No.</u>	<u>%</u>
72-73	1	0.6%	191-200	1	0.6%
70-71	13	7.3	171-180	0	.0
68-69	30	16.9	161-170	4	2.3
66-67	47	26.6	151-160	4	2.3
64-65	47	26.6	141-150	33	18.6
62-63	33	18.6	131-140	37	20.9
60-61	5	2.8	121-130	45	25.4
58-59	1	0.6	111-120	38	21.5
			101-110	13	7.3
			90-100	2	1.1
Total	177	100	Total	177	100
Mean	65.1		Mean	129.8	
S.D.	2.6		S.D.	15.1	

Table 7-2
Distribution of Height and Weight
(Male Cadets)

Height			Weight		
<u>Inches</u>	<u>No.</u>	<u>%</u>	<u>Pounds</u>	<u>No.</u>	<u>%</u>
80-81	1	0.1%	271-280	1	0.1%
78-79	4	0.3	261-270	0	.0
76-77	27	2.2	251-260	0	.0
74-75	117	9.3	241-250	0	.0
72-73	277	22.1	231-240	3	0.2
70-71	359	28.6	221-230	10	0.8
68-69	281	22.4	211-220	18	1.4
66-67	142	11.3	201-210	26	2.1
64-65	37	2.9	191-200	52	4.2
62-63	7	0.6	181-190	91	7.3
60-61	3	0.2	171-180	146	11.7
			161-170	191	15.2
			151-160	229	18.3
			141-150	240	19.2
			131-140	156	12.5
			121-130	66	5.3
			111-120	17	1.4
			101-110	6	0.5
			90-100	1	0.1
Total	1257	100	Total	1257	100
Mean	69.4		Mean	159.6	
S.D.	2.8		S.D.	22.4	

Table 8

High School Characteristics

	Number	Percent
Type of High School attended in Senior Year		
Public (Include HS in Foreign Country).....	1174	82%
Private (Non-Military).....	199	14
Private (Military).....	27	2
Rank in Graduating Class		
Top 20%.....	1219	85%
Second 20%.....	151	11
Middle 20%.....	46	3
Fourth 20%.....	6	1
Bottom 20%.....	2	0
Selected as Valedictorian (First in the Class).....	119	8
Selected as Salutatorian (Second in the Class).....	93	6
Number of High Schools Attended		
One.....	1159	81%
Two.....	206	14
Three.....	49	3
Four or more.....	15	1

Table 9

Awards and Scholarships

	Number	Percent
Received Following Awards		
National Honor Society.....	899	63%
Bausch and Lomb Science Award.....	56	4
American Legion Award.....	138	10
Boy's State or Girl's State Delegate.....	346	24
Took the National Merit/Achievement Scholarship Examination		
Yes, and Received Commendation.....	259	18%
Yes, was Semi-Finalist.....	43	3
Yes, was Finalist.....	35	2
Yes, was Merit Scholar.....	26	2

Table 10
Scholarships

Number of Academic Scholarships	Number	Percent
None.....	770	54%
One.....	320	22
Two or Three.....	254	18
Four or Five.....	63	4
Six or More.....	21	2
Number of Athletic Scholarships		
None.....	1293	90%
One.....	80	6
Two or Three.....	31	2
Four or Five.....	12	1
Six or More.....	12	1
Received the Following Military Scholarships*		
Army ROTC Scholarship.....	251	18%
Navy ROTC Scholarship.....	183	13
Air Force ROTC Scholarship.....	141	10
Other ROTC Scholarship.....	52	4

*May be more than one.

Table 11

Clubs and Positions Held or Awards Obtained

	Number	Percent
Elected or Appointed to Following High School Positions*		
President of High School Senior Class.....	89	6%
Senior Class Officer (Other Than President).....	224	16
President, Student Body.....	70	5
President, High School Class (Other than Senior Class)....	151	11
President, Student Council.....	97	7
Participated in or Held Following High School Positions*		
Debating or Forensic Society.....	170	12%
Thesplan or Dramatic Club.....	237	17
Glee Club.....	101	7
High School Band.....	291	20
Staff, School Paper.....	267	19
Editor or Co-Editor, School Paper.....	105	7
Staff, Yearbook or Annual.....	234	16
Editor or Co-Editor, Yearbook or Annual.....	91	6
Presently is or has Been One of the Following*		
Boy Scout/Girl Scout.....	629	44%
Explorer Scout.....	132	9
Sea Scout.....	10	1
Air Scout.....	10	1
Campfire Girl.....	17	1
Camp Counselor.....	160	11
Order of the Arrow.....	139	10
Eagle Scout (Boys).....	111	9
First Class Scout (Girls).....	9	5

*May be more than one.

Table 12
Nominations and Appointments

	Number	Percent
Federal Academies Where Nomination was Attempted*		
Naval Academy.....	431	30%
Air Force Academy.....	431	30
Coast Guard Academy.....	156	11
Merchant Marine Academy.....	77	5
Federal Academies Where Appointment was Received*		
Naval Academy.....	95	7
Air Force Academy.....	80	6
Coast Guard Academy.....	56	4
Merchant Marine Academy.....	57	4
First Choice of Schools was		
US Military Academy.....	1229	86
US Air Force Academy.....	91	6
US Naval Academy.....	33	2
US Coast Guard Academy.....	1	0
US Merchant Marine Academy.....	2	0
A Civilian Liberal Arts College.....	27	2
A Civilian Engineering Technical College.....	26	2
Another Type of College.....	15	1

*May be more than one.

Table 13

Father's Military Status and Rank

Father's Past Military Service and Current Status	Number	Percent
No Military Service or Don't Know.....	512	36%
Career in Military Service Terminated for Physical Disability.....	22	2
Served 20 Years or More and Retired.....	135	9
Now on Full Time Active Duty.....	100	7
Served at One Time but No Longer In Service.....	622	44
Now in Reserves or National Guard.....	32	2
Died While on Active Duty.....	3	0
Father's Highest Grade**		
E1 - E3 (Private or PFC).....	124	9
E4 - E6 (Corporal Through Staff Sergeant).....	220	15
E7 - E9 (Platoon Sergeant Through Sergeant Major).....	93	6
Warrant Officer.....	18	1
Lieutenant or Captain.....	70	5
Major.....	36	2
Lieutenant Colonel.....	64	4
Colonel.....	55	4
General Officer.....	8	1

**Army grade or AF, Navy and Marine Corps equivalent.

Table 14
Class Year of Fathers Who Are USMA Graduates

<u>Year</u>	<u>No.</u>	
1965	1	
1964	2	
1963	2	
1962	2	
1961	4	
1960	5	
1959	7	
1958	2	
1957	5	
1956	1	
1954	3	
1953	2	
1950	2	
1946	1	
1945	1	Total 40

Table 15
Sport Participation

	<u>Number</u>	<u>Percent</u>
Participated in Varsity Athletics.....	1309	92%
Earned Varsity Letter.....	1237	87
Varsity Team Captain.....	690	48

Table 16
Miscellaneous

	<u>Number</u>	<u>Percent</u>
Taken College Level Courses After High School in One of the Following		
A Junior, Community, Extension or Branch College With a One or Two-Year Program Only.....	55	4%
Other Institution With Less Than a Four-Year Program.....	3	0
A Four-Year College, Not Part of a University.....	24	2
A University, Including its Separate Colleges.....	74	5
Not Applicable.....	1256	88
Attended U.S. Military Academy Preparatory School.....	173	12

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